

Application No.: 09/869,650

Docket No.: 20459-00346-US

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Process for the preparation of [gas-actuated] car safety devices comprising providing a gas-actuated car safety device, and placing a pyrotechnical material comprising guanidine dinitramide and guanyl urea dinitramide as a gas-releasing composition in the car safety [devices] device.

2. (Previously Presented) Process according to Claim 1, wherein the guanyl urea dinitramide is present in an amount to adjust the rate of burn of the gas-releasing composition.

3. (Withdrawn) Process according to Claim 1 for recovering the said chemicals, guanidine dinitramide and guanyl urea dinitramide, wherein this is done by low-temperature crystallization from water at various temperatures.

4. (Withdrawn) Pyrotechnical gas-generating composition comprising guanidine dinitramide and guanyl urea dinitramide.

5. (Withdrawn) Pyrotechnical gas-generating composition according to Claim 4, wherein the guanidine dinitramide is present as the primary component, and the rate of burning of the gas-generating composition is regulated by the presence of a suitable amount of guanyl urea dinitramide.

6. (Withdrawn) Pyrotechnical gas-generating composition according to Claim 4, wherein the guanidine dinitramide comprises greater than 50% by weight of the gas-generating composition.

7. (Withdrawn) Pyrotechnical gas-generating composition according to Claim 4, wherein the gas-generating composition is in the form of pressed tablets containing a binder, the binder does not exceed 10 wt-%.

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8. (Withdrawn) Process according to Claim 2 for recovering the said chemicals, guanidine dinitramide and guanyl urea dinitramide, wherein this is done by low-temperature crystallization from water at various temperatures.

9.-10 (Canceled)

11. (Withdrawn) Pyrotechnical gas-generating composition according to Claim 5, wherein the guanidine dinitramide comprises greater than 50% by weight of the gas-generating composition.

12.-13 (Canceled)

14. (Presently Amended) The process according to claim 1, wherein the gas-releasing [substance] composition is in tablet form.

15. (Presently Amended) The process according to claim 1, [further comprising recovering] wherein the gas-releasing composition is obtained from [the] a previous car safety device, and [recrystallizing] is recrystallized to provide the gas-releasing composition.

16. (Presently Amended) The process according to claim 1, wherein the pyrotechnical material further comprises a binder, and the guanidine dinitramide comprises 20% to 80% by weight of the gas-releasing composition, not including the binder.

17. (Presently Amended) The process according to claim 1, wherein the pyrotechnical material further comprises a binder, and the guanidine dinitramide comprises 40% to 80% by weight of the gas-releasing composition, not including the binder.

18. (Presently Amended) The process according to claim 1, wherein the pyrotechnical material further comprises a binder, and the guanidine dinitramide comprises 40% to 60% by weight of the gas-releasing composition, not including the binder.

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19. (Withdrawn) The process according to claim 4, wherein the guanidine dinitramide comprises 20% to 80% by weight of the gas-releasing composition, not including binder.

20. (Withdrawn) The process according to claim 4, wherein the guanidine dinitramide comprises 40% to 80% by weight of the gas-releasing composition, not including binder.

21. (Withdrawn) The process according to claim 4, wherein the guanidine dinitramide comprises 40% to 60% by weight of the gas-releasing composition, not including binder.

22. (New) The process according to claim 2, wherein the guanidine dinitramide is present as the primary component, and the rate of burning of the gas-releasing composition is regulated by the amount of guanyl urea dinitramide in the composition.

23. (New) The process according to claim 1, wherein the gas-releasing composition further comprises a binder, and the amount of binder does not exceed 10 wt%.

24. (New) A process for the preparation of car safety devices comprising: providing a gas-actuated car safety device, and placing a pyrotechnical material comprising guanidine dinitramide and guanyl urea dinitramide as a gas-releasing composition in the car safety device, wherein the guanidine dinitramide is present as the primary component, and the rate of burning of the gas-generating composition is regulated by the amount of guanyl urea dinitramide in the composition.

25. (New) The process according to claim 24, wherein the pyrotechnical material further comprises a binder, and the guanidine dinitramide comprises 40% to 80% by weight of the gas-releasing composition, not including the binder.

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26. (New) The process according to claim 24, wherein the pyrotechnical material further comprises a binder, and the guanidine dinitramide comprises 40% to 60% by weight of the gas-releasing composition, not including the binder.

27. (New) The process according to claim 24, wherein the gas-releasing composition is obtained from a previous car safety device, and is recrystallized to provide the gas-releasing composition.

28. (New) The process according to claim 24, wherein the gas-generating composition is in the form of pressed tablets containing a binder, and the amount of binder does not exceed 10 wt%.